10/14/2009

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

P O Box 1450 Alexandria, Virgima 22313-1450 www.usplo.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

38598 7590 ANDREWS KURTH LLP 1350 I STREET, N.W. SUITE 1100 WASHINGTON DC 20005 EXAMINER
CHAN, SAI MING

PAPER NUMBER

ART UNIT

DATE MAILED: 10/14/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/614,053	07/08/2003	Shalini Yainik	33078/US/2	7518

TITLE OF INVENTION: CACHING WITH SELECTIVE MULTICASTING IN A PUBLISH-SUBSCRIBE NETWORK

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(8) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$0	\$1055	01/14/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 1SI. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FIEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

# Complete and send this form, together with applicable fee(s), to: Mail Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

appropriate. All further indicated unless corrects maintenance fee notifica	correspondence includir ed below or directed oth	ng the Patent, advance on herwise in Block 1, by (a	rders and notification of r a) specifying a new corres	naintenance fees wi pondence address;	II be n and/or	nailed to the current (b) indicating a sepa	correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.			
38598 ANDREWS K 1350 I STREET SUITE 1100	, N.W.	/2009	Lbe	Certify that this	ificate	of Mailing or Trans	
WASHINGTON	N, DC 20003						(Depositor's name)
			<u> </u>				(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTOR	NEY DOCKET NO.	CONFIRMATION NO.
10/614,053 TITLE OF INVENTION	07/08/2003 E: CACHING WITH SEI	ECTIVE MULTICASTI	Shalini Yajnik NG IN A PUBLISH-SUBS	CRIBE NETWOR		33078/US/2	7518
APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	DEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	SO SO	LLL	\$1055	01/14/2010
EXAM		ART UNIT	CLASS-SUBCLASS	30 31055		91000	01111/2010
CHAN, S.		2462	370-389000				
1. Change of correspondence address or indication of "Fee Address" (37 CFR J. 353).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/J/22) attached.  "Fee Address' indication (or "Fee Address" Indication form PTO/SB/J/2 to emore recent) attached. Use of a Customer Number is required.			2. For printing on the p (I) the names of up to or agents OR, alternativ (2) the name of a single registered attorney or services a registered patent attorney or services or the services of	printing on the patent front page, list  a names of up to 3 registered patent attorneys  s of up to 3 registered patent attorneys  a name of a single firm flaving as a member a  cred attorney of agent) and the names of up to stered patent attorneys or agents. If no name is  no name will be printed.			
PLEASE NOTE: Uni recordation as set fort (A) NAME OF ASSI	less an assignee is ident h in 37 CFR 3.11. Comp GNEE		(B) RESIDENCE: (CITY	atent. If an assigne assignment. and STATE OR CO	DUNTE	RY)	ocument has been filed for
4a. The following fee(s)  Issue Fee Publication Fee (N	vo small entity discount p		b. Payment of Fee(s): (Plea A check is enclosed. Payment by credit car The Director is hereby overpayment, to Depo	d. Form PTO-2038	is attac	thed.	
	s SMALL ENTITY state	is. See 37 CFR I.27.	b. Applicant is no lon				
NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if req records of the United Sta	uired) will not be accepted tes Patent and Trademark	d from anyone other than t Office.	he applicant; a regis	tered at	ttorney or agent; or th	e assignee or other party in
Authorized Signature				Date			
Typed or printed name			Registration No.				
This collection of inform an application. Confiden submitting the complete this form and/or suggests Box 1450, Alexandria, V Alexandria, Virginia 223	nation is required by 37 C tiality is governed by 35 d application form to the ions for reducing this but 'irginia 22313-1450. DC k13-1450.	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the O NOT SEND FEES OR (	on is required to obtain or r 1.14. This collection is est depending upon the indiv e Chief Information Office COMPLETED FORMS TO	etain a benefit by th imated to take 12 m idual case. Any cor r, U.S. Patent and T O THIS ADDRESS.	e publi inutes nments fradema SEND	c which is to file (and to complete, includin on the amount of tir ark Office, U.S. Depo TO: Commissioner	by the USPTO to process) g gathering, preparing, and ne you require to complete utment of Commerce, P.O. for Patents, P.O. Box 1450,

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

OMB 0651-0033



## UNITED STATES PATENT AND TRADEMARK OFFICE

#### UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

P O Box 1450 Alexandra, Virgima 22313-1450 www.uspto.gov

APPLICATION ?	io.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/614,053		07/08/2003	Shalini Yajnik	33078/US/2	7518	
38598	7590	10/14/2009		EXAMINER		
ANDREWS	ANDREWS KURTH LLP			CHAN, SAI MING		
	1350 I STREET, N.W.			ART UNIT	PAPER NUMBER	
SUITE 1100 WASHINGTON, DC 20005			2462 DATE MAILED: 10/14/2009			

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 862 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 862 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)			
Examiner-Initiated Interview Summary	10/614,053	YAJNIK ET AL.			
Examiner-initiated interview Summary	Examiner	Art Unit			
	SAI-MING CHAN	2416			
All Participants:	Status of Application:	_			
(1) <u>SAI-MING CHAN</u> .	(3)				
(2) <u>Sean Wooden</u> .	(4)				
Date of Interview: 23 September 2009	Time: <u>11:00 am</u>				
Type of Interview:  ☐ Telephonic ☐ Video Conference ☐ Personal (Copy given to: ☐ Applicant Exhibit Shown or Demonstrated: ☐ Yes If Yes, provide a brief description:	nt's representative)				
Part I.					
Rejection(s) discussed:					
Claims discussed: 1 and 5					
Prior art documents discussed:					
Part II.  SUBSTANCE OF INTERVIEW DESCRIBING THE GENEF The attorney agreed to modify claims 1 and 5. An Examiner's Am					
Part III.					
It is not necessary for applicant to provide a separate n directly resulted in the allowance of the application. The of the interview in the Notice of Allowability.     It is not necessary for applicant to provide a separate n did not result in resolution of all issues. A brief summan	examiner will provide a writte ecord of the substance of the	en summary of the substance interview, since the interview			
(A	pplicant/Applicant's Representat	ive Signature – if appropriate)			